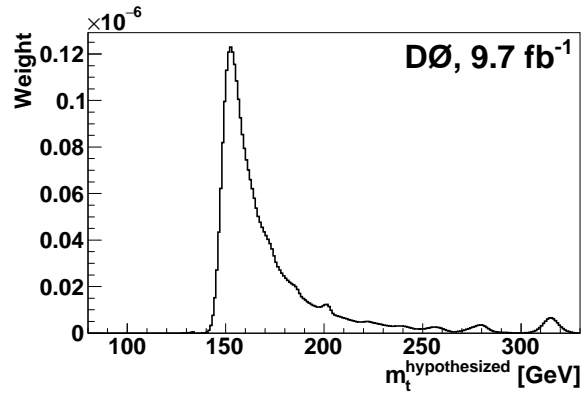FIG. 1. The weight as a function of $m_t^{hypothesized}$ (or m_t^h) for a single event in the $e\mu$ channel. The distribution is generated using pre-optimized setup.
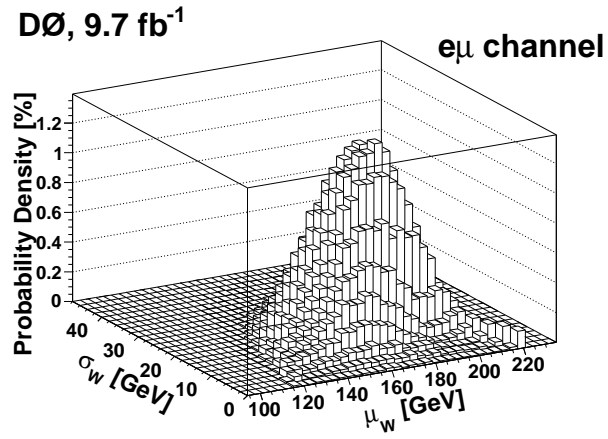

FIG. 2. The signal probability density histogram for $m_t^{MC} = 172.5$ GeV for the $e\mu$ channel.